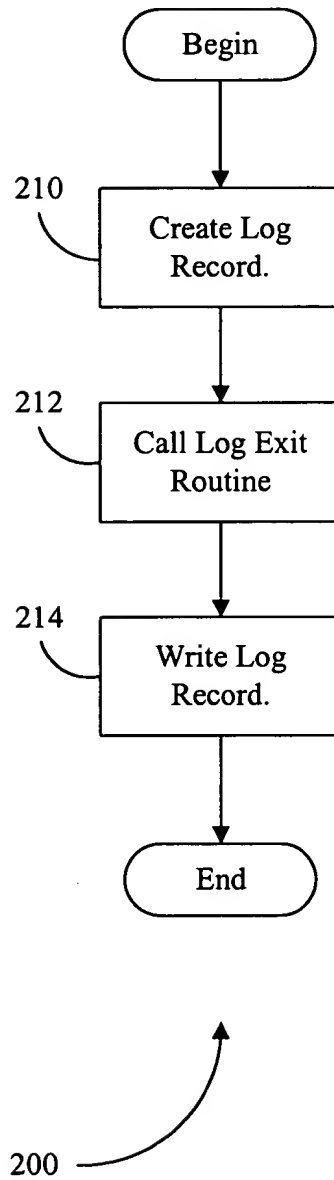


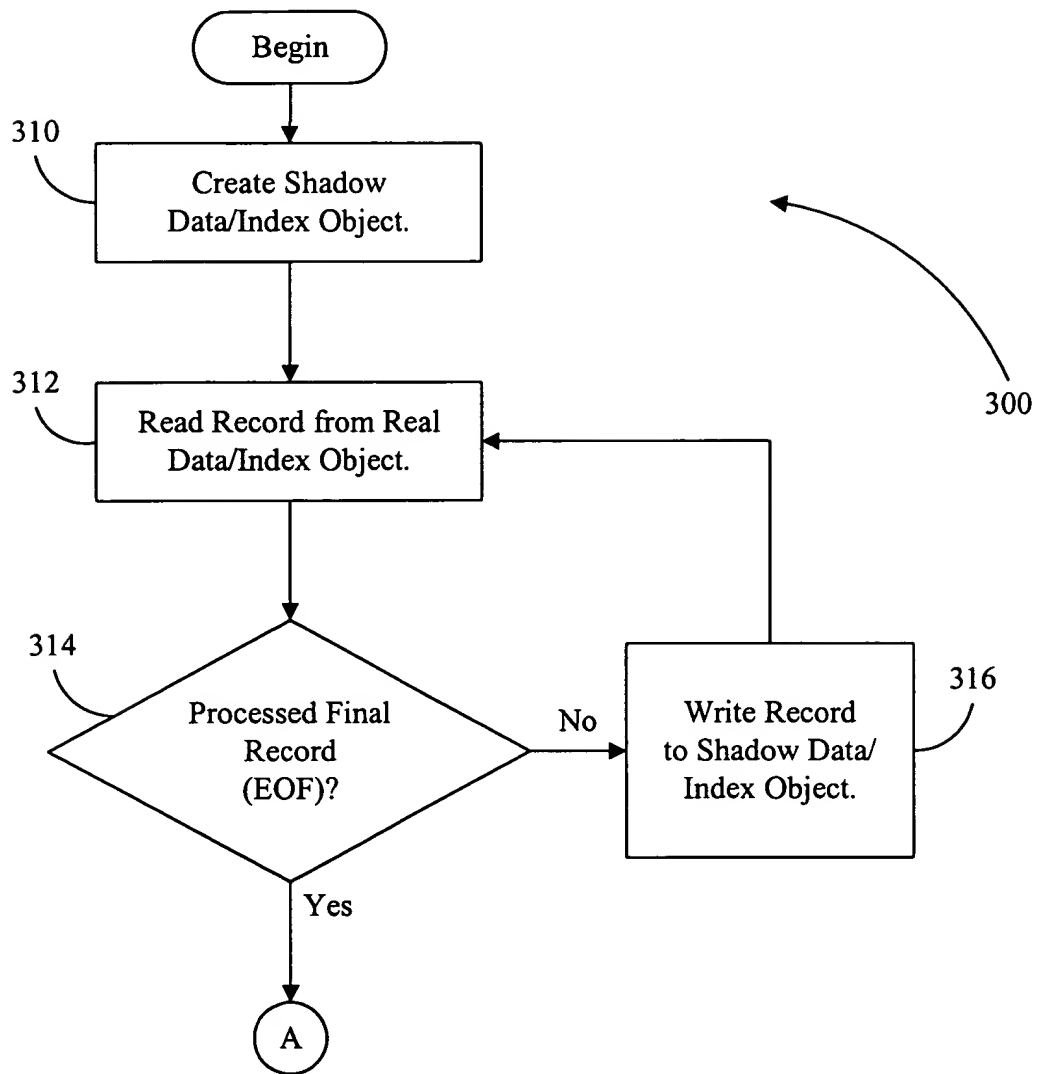
**Figure 1**  
(Prior Art)

## DBMS Log Routine



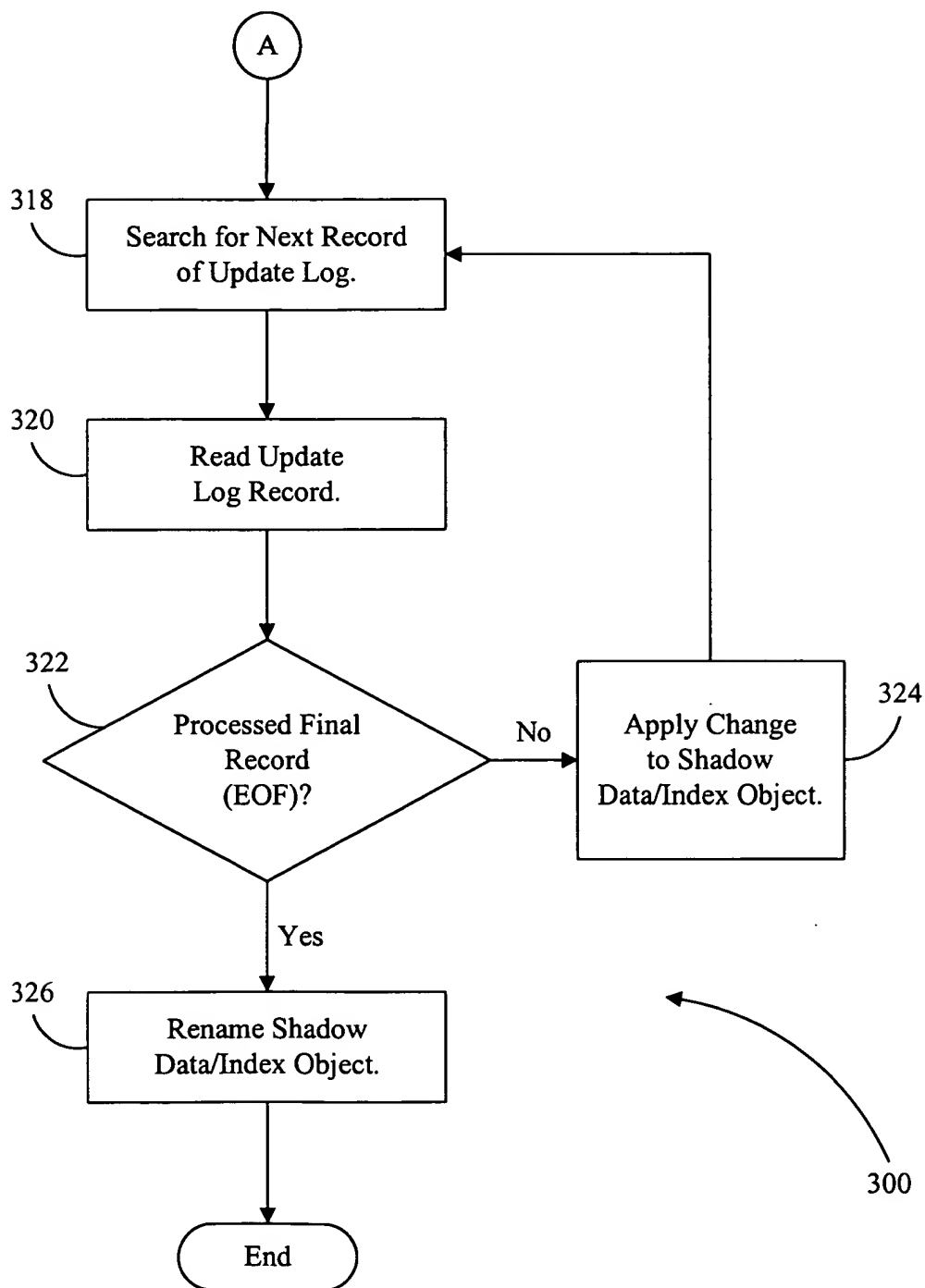
**Figure 2**  
**(Prior Art)**

## Reorganization Utility - Phase I



**Figure 3A**  
(Prior Art)

## Reorganization Utility - Phase II



**Figure 3B**  
(Prior Art)

FIG. 4 is a block diagram of a database system architecture.

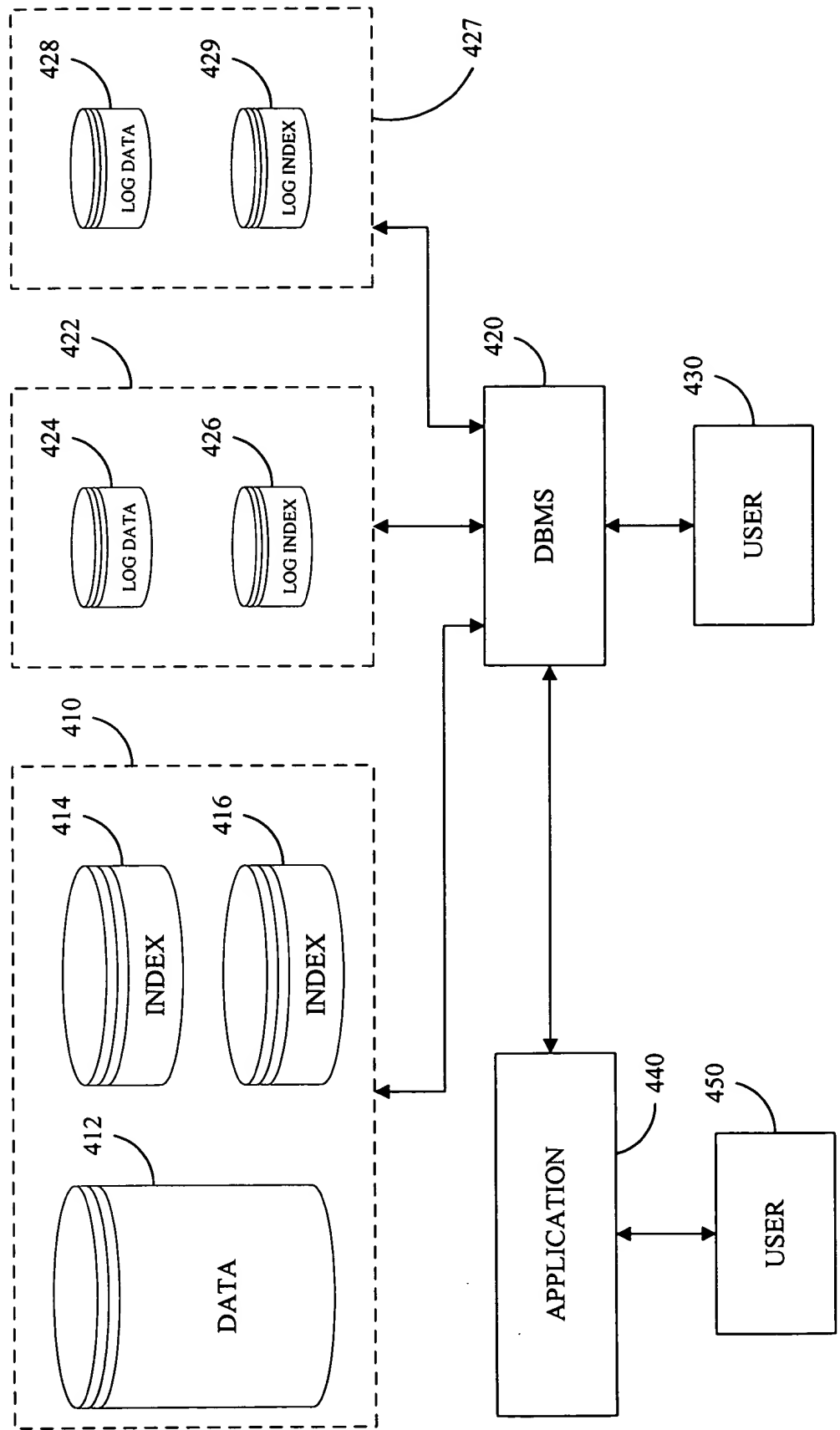


Figure 4

## Reorganization Utility - Phase I

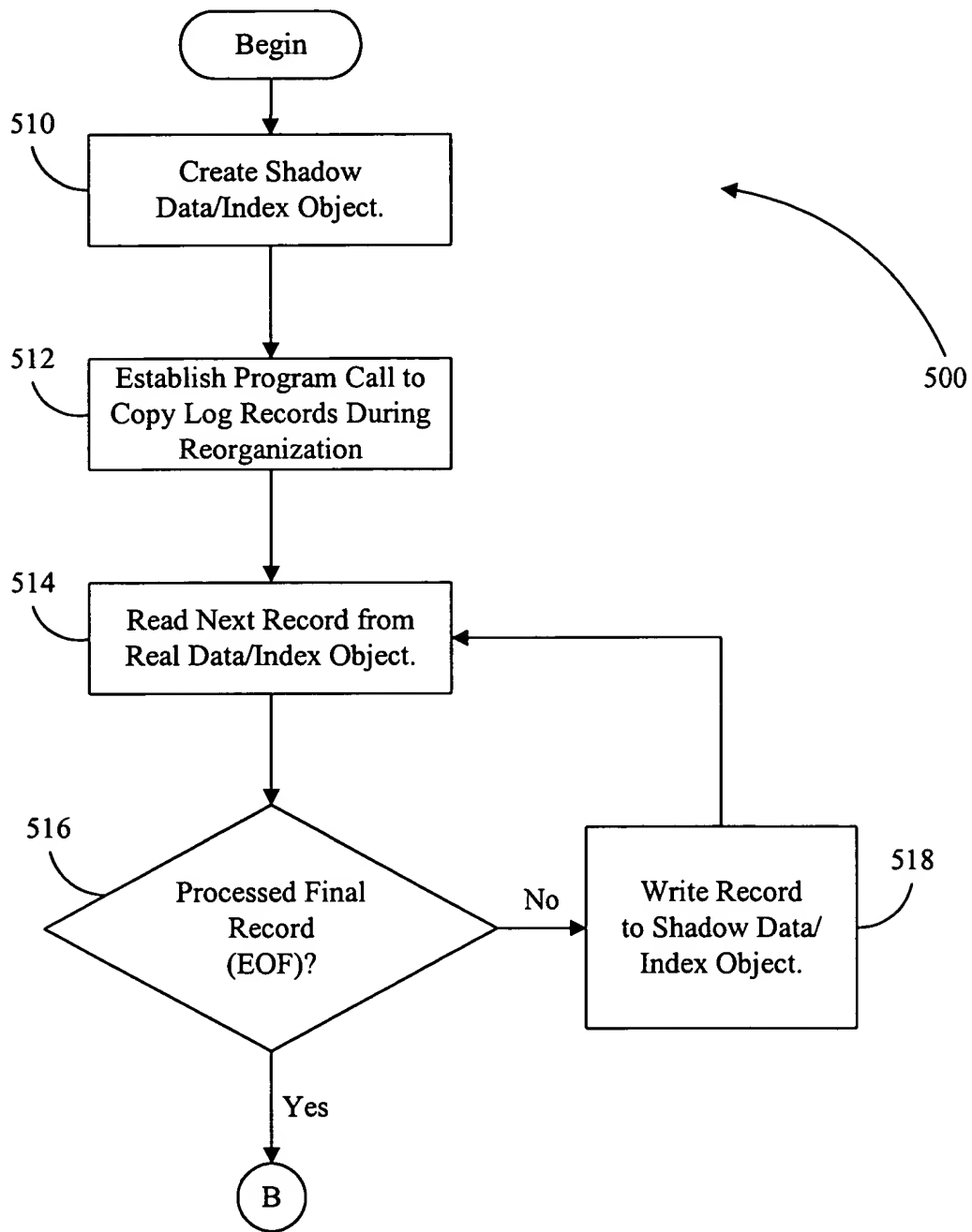
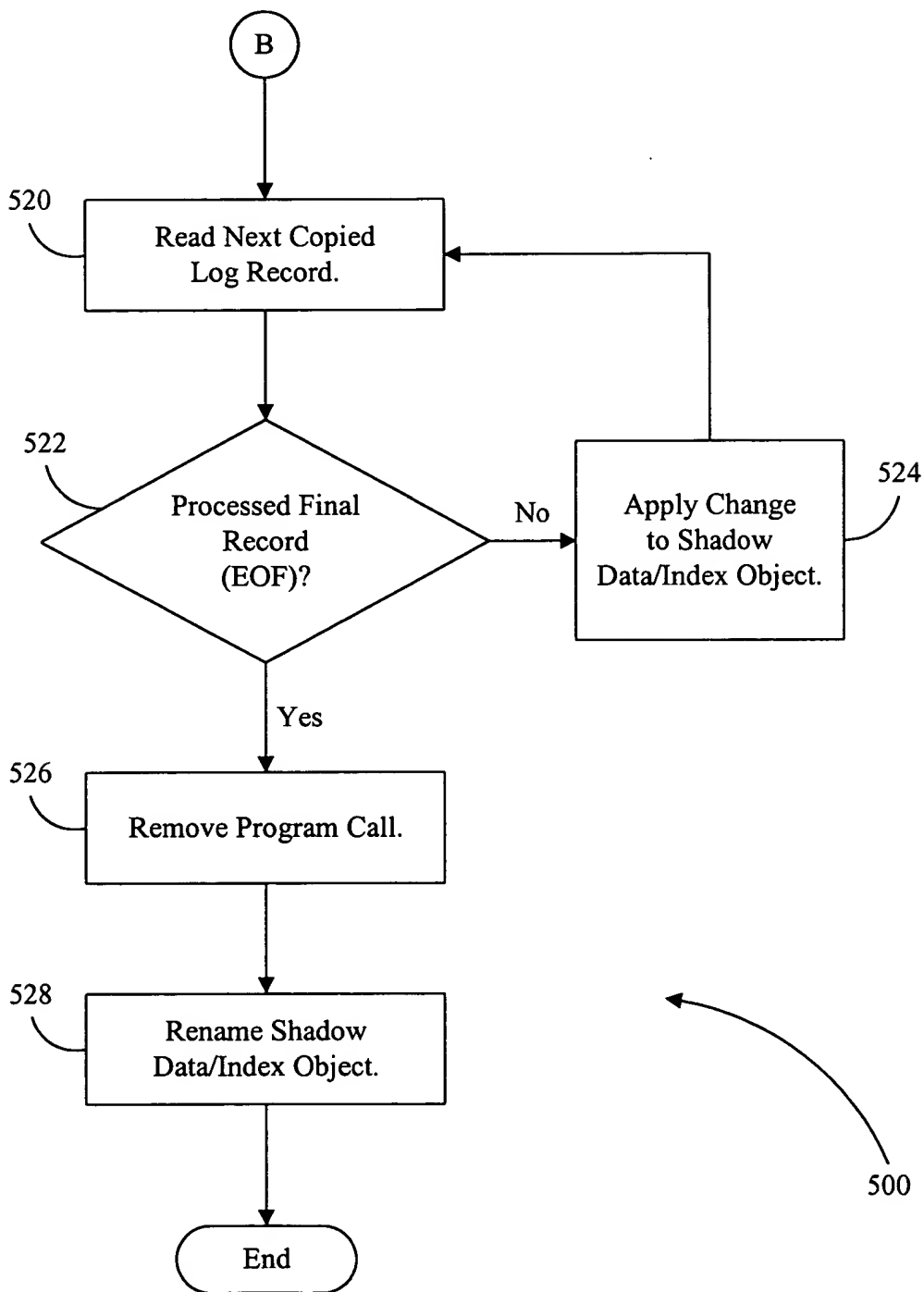


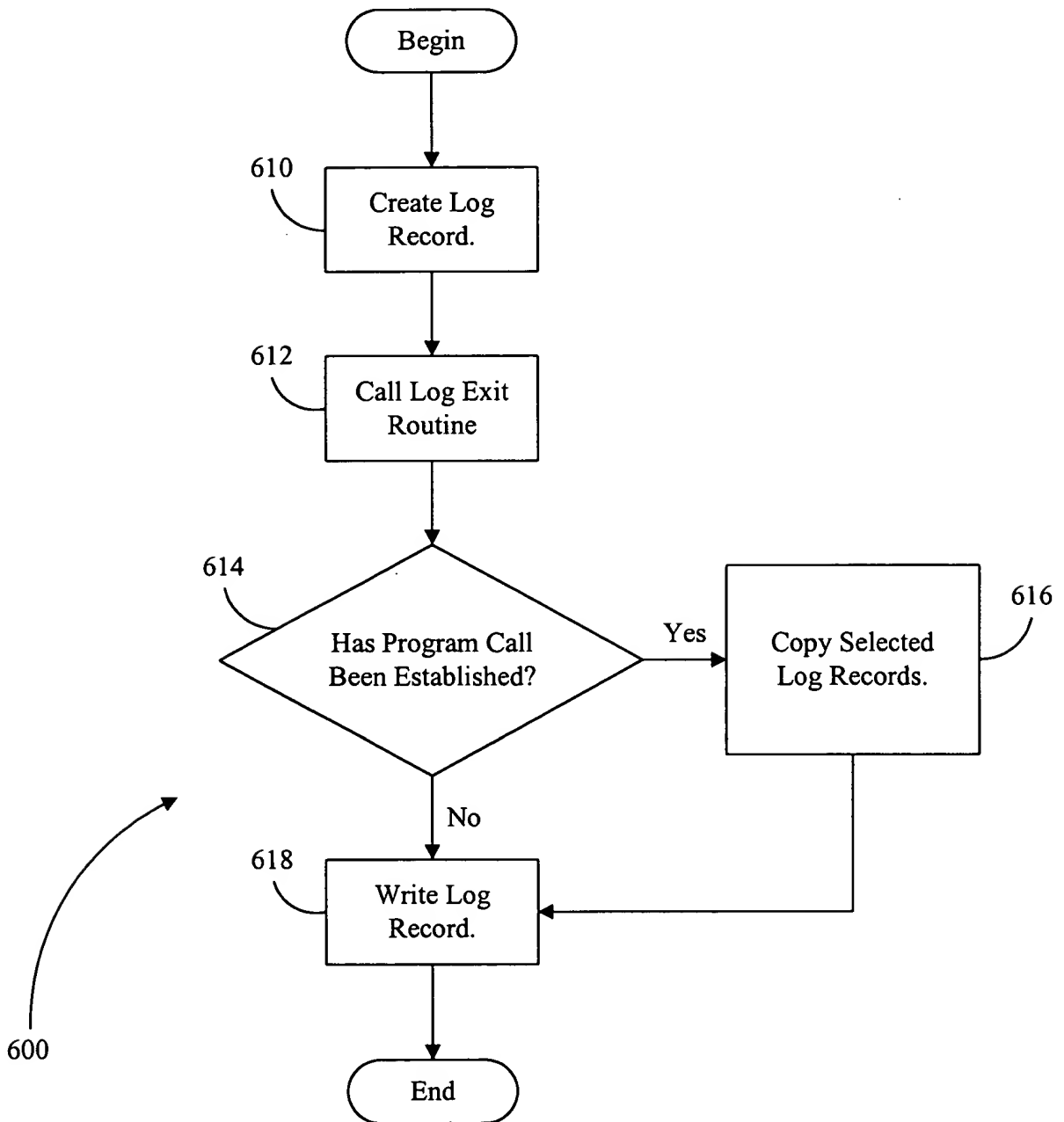
Figure 5A

## Reorganization Utility - Phase II



**Figure 5B**

## DBMS Log Routine



**Figure 6**